

ABSTRACT OF THE DISCLOSURE

A method and system of erasing at least part of the location information stored on a
5 subscriber identity module (SIM) of a mobile phone. The SIM stores the most recently
used service provider in its location information. Either at power down or power up, the
location information is erased so during the power up routine, the service provider
search schedule will not find a service provider when it first searches the most recently
used service provider stored in the location information. In this case, the service
10 provider search routine will appropriately choose either the home service provider or a
preferred service provider rather than the service provider stored in the location
information. The method of erasing at least part of the location information may be
carried out by a program stored on the SIM card or by a wireless network transmitting an
instructive signal to the wireless device. The method and system may also provide that if
15 the service provider stored in the location information corresponds to the home service
provider or a preferred service provide, then none of the location information is erased.